

# METHOD FOR ASSURING THE QUALITY OF SERVICE OF CONNECTIONS BETWEEN SUBREGIONS OF A PACKET-ORIENTED NETWORK HAVING A RESOURCE MANAGER

## ABSTRACT OF THE DISCLOSURE

5        Quality of service is assured for connections routed via a plurality of subregions of a  
packet-oriented network via connection paths having prescribed transmission system resources  
by a resource manager in the packet-oriented network which has access to associated  
information relating to address ranges of the subregions, routes from source subregions to  
destination subregions through other subregions, and prescribed transmission system resources  
between the subregions. When a connection is initialized, a requested scope of resources and  
source and destination addresses are signaled to the resource manager, and a route through the  
network is ascertained. Then, taking into account the requested scope of resources and the  
scope of resources between the subregions of the route, a check is carried out to determine  
whether the initialized connection is authorized. In addition, the transmission system resources  
10      may be reserved for the initialized connection in the subregions included in the ascertained  
route. The resource manager can be arranged centrally in the network in one of the  
subregions, and the connection controllers, e.g., the gatekeeper in H.323 networks, provided  
15      in the subregions involve the resource manager in the signaling that occurs when a connection  
is initialized